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JAN 31 2005

PTO/SB/01 (10-00)

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<b>DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION</b> <b>(37 CFR 1.63)</b>  <input checked="" type="checkbox"/> Declaration Submitted With Initial Filing <b>OR</b> <input type="checkbox"/> Declaration Submitted after Initial Filing (surcharge (37 CFR 1.16 (e)) required)	Attorney Docket Number	PU020353
	First Named Inventor	Maxim Borisovich Belotserkovsky
	<b>COMPLETE IF KNOWN</b>	
	Application Number	/
	Filing Date	
	Group Art Unit	N/A
	Examiner Name	N/A

As a below named inventor, I hereby declare that:

My residence, post office address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**METHOD AND APPARATUS FOR EXTRACTING THE PHASE OF AN ORTHOGONAL FREQUENCY DIVISION MULTIPLEXING (OFDM) SIGNAL SAMPLE**

the specification of which (Title of the Invention)

☐ is attached hereto

OR

☒ was filed on (MM/DD/YYYY)

07/31/2002

as United States Application Number or PCT International

Application Number PCT/US02/24263 and was amended on (MM/DD/YYYY)  (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims as amended specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY) Country	Priority Not-Claimed	Certified Copy Attached?	
				YES	NO
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

☐ Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:

I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below.

Application Number(s)	Filing Date (MM/DD/YYYY)	<input type="checkbox"/> Additional provisional application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

[Page 1 of 2]

Burden Hour Statement: This form is estimated to take 21 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:

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## DECLARATION — Utility or Design Patent Application

Direct all correspondence to: ☐ Customer Number or Bar Code Label ☐ OR ☒ Correspondence address below

Name	JOSEPH S. TRIPOLI		
Address	THOMSON MULTIMEDIA LICENSING INC.		
Address	P. O. BOX 5312		
City	State	ZIP	
PRINCETON	NJ	08543-5312	
Country	Telephone	Fax	
USA	(609) 734 - 9443	(609) 734 - 9700	

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

NAME OF SOLE OR FIRST INVENTOR: ☐ A petition has been filed for this unsigned inventor

Given Name MAXIM BORISOVICH

Family Name BELOTSERKOVSKY or Surname

Inventor's Signature

Date 07/29/02

Residence: City INDIANAPOLIS

State IN

Country USA

Citizenship US

Mailing Address 9307 Aintree Drive

Mailing Address

City INDIANAPOLIS

State INDIANA

ZIP 46250

Country USA

NAME OF SECOND INVENTOR:

☐ A petition has been filed for this unsigned inventor

Given Name VINCENT

Family Name DEMOULIN or Surname

Inventor's Signature

Date

Residence: City PLEUMELEUC

State

Country FRANCE

Citizenship FRANCE

Mailing Address 2, rue de Clayes

Mailing Address

City PLEUMELEUC

State

ZIP 35137

Country FRANCE

☒ Additional inventors are being named on the 1 supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto.

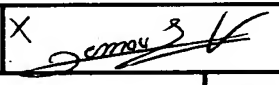
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## DECLARATION — Utility or Design Patent Application

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<b>Name</b>		JOSEPH S. TRIPOLI	
<b>Address</b>		THOMSON MULTIMEDIA LICENSING INC.	
<b>Address</b>		P. O. BOX 5312	
<b>City</b>		<b>State</b>	<b>ZIP</b>
PRINCETON		NJ	08543-5312
<b>Country</b>	<b>Telephone</b>		<b>Fax</b>
USA	(609) 734 - 9443		(609) 734 - 9700
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.			
<b>NAME OF SOLE OR FIRST INVENTOR:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
<b>Given Name</b>		<b>Family Name or Surname</b>	
MAXIM BORISOVICH		BELOTSEKOVSKY	
<b>Inventor's Signature</b>		<b>Date</b>	
<b>Residence: City</b>		<b>State</b>	<b>Country</b>
INDIANAPOLIS		IN	USA
<b>Residence: City</b>		<b>State</b>	<b>Country</b>
INDIANAPOLIS		INDIANA	USA
<b>Mailing Address</b>		9307 Aintree Drive	
<b>Mailing Address</b>			
<b>City</b>		<b>State</b>	<b>Country</b>
INDIANAPOLIS		INDIANA	USA
<b>NAME OF SECOND INVENTOR:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
<b>Given Name</b>		<b>Family Name or Surname</b>	
VINCENT		DEMOULIN	
<b>Inventor's Signature</b>		<b>Date</b>	
X 		X 07/31/2002	
<b>Residence: City</b>		<b>State</b>	<b>Country</b>
PLEUMELEUC			FRANCE
<b>Residence: City</b>		<b>State</b>	<b>Country</b>
PLEUMELEUC			FRANCE
<b>Mailing Address</b>		2, rue de Clayes	
<b>Mailing Address</b>			
<b>City</b>		<b>State</b>	<b>Country</b>
PLEUMELEUC			FRANCE
<b>City</b>		<b>State</b>	<b>Country</b>
PLEUMELEUC			FRANCE
<input checked="" type="checkbox"/> Additional inventors are being named on the 1 supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto.			

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**DECLARATION****ADDITIONAL INVENTOR(S)  
Supplemental Sheet  
Page 3 of 3**

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
LOUIS ROBERT		LITWIN	
Inventor's Signature <i>[Signature]</i>		Date <i>10-30-02</i>	
Residence: City <u>Plainsboro</u>	State <u>New Jersey</u>	Country <u>USA</u>	Citizenship <u>US</u>
Mailing Address <u>34-14 Quail Ridge Drive</u>			
Mailing Address			
City <u>Plainsboro</u>	State <u>New Jersey</u>	ZIP <u>08536</u>	Country <u>USA</u>
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Inventor's Signature		Date	
Residence: City	State	Country	Citizenship
Mailing Address			
Mailing Address			
City	State	Zip	Country <u>A</u>
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Inventor's Signature		Date	
Residence: City	State	Country	Citizenship
Mailing Address			
Mailing Address			
City	State	Zip	Country

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**POWER OF ATTORNEY  
and  
CORRESPONDENCE ADDRESS  
INDICATION FORM**

Application Number	
Filing Date	
First Named Inventor	Maxim Borisovich Belotserkovsky et al
Title	Extracting the Phase
Art Unit	of an OFDM Signal Sample
Examiner Name	
Attorney Docket Number	PU020353

I hereby revoke all previous powers of attorney given in the above-identified application.

I hereby appoint:

☒ Practitioners associated with the Customer Number: 24498

OR

☐ Practitioner(s) named below:

Name	Registration Number

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

Please recognize or change the correspondence address for the above-identified application to:

☐ The address associated with the above-mentioned Customer Number:

OR

☐ The address associated with Customer Number:

OR

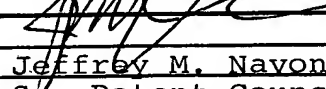
<input checked="" type="checkbox"/> Firm or Individual Name	Thomson Licensing Inc.				
Address	Patent Operations, P.O. Box 5312				
City	Princeton	State	NJ	Zip	08543-5312
Country	USA				
Telephone	609-734- 6823	Fax	609-734-6888		

I am the:

☐ Applicant/Inventor.

☒ Assignee of record of the entire interest. See 37 CFR 3.71.  
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)

**SIGNATURE of Applicant or Assignee of Record**

Signature		Date	1/24/05		
Name	Jeffrey M. Navon ,	Req. No.	32,711	Telephone	609-734-6823
Title and Company	Sr. Patent Counsel				

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below\*.

☐ \*Total of \_\_\_\_\_ forms are submitted.

This collection of information is required by 37 CFR 1.31, 1.32 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

**POWER OF ATTORNEY  
THOMSON LICENSING S.A.**

We,

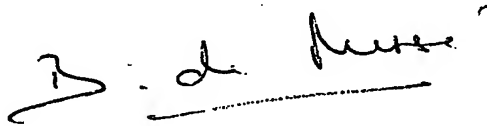
THOMSON Licensing S.A..  
46, Quai A. Le Gallo  
F-92100 Boulogne-Billancourt  
France

do hereby grant

Joseph S. Tripoli  
Senior Vice President  
Thomson Licensing Inc.  
Two Independence Way  
Princeton, New Jersey 08540

a revocable, non-exclusive and delegable power of attorney to act for us (including the signing of requisite documents) in proceedings concerning patents and applications for patents, including international and other multi-country patents and applications for patents, in our name in the Patent Offices in all countries worldwide from March 11, 2003.

DATED this 15 day of March, in the year 2004.



SIGNED

**POWER OF ATTORNEY**  
**THOMSON LICENSING S.A.**

THOMSON Licensing S.A.  
46, Quai A. Le Gallo  
F-92100 Boulogne-Billancourt  
France

does hereby grant

Joseph J. Laks - Vice President  
Irwin M. Krittman - Vice President  
Harvey D. Fried - Manager  
Ronald H. Kurdyla - Manager  
Robert D. Shedd - Manager

*Thomson Licensing Inc.*  
*Two Independence Way*  
*Princeton, New Jersey 08540*

a revocable, non-exclusive and delegable power of attorney to act for us (including the signing of requisite documents) in proceedings concerning patents and applications for patents, including international and other multi-country patents and applications for patents, in our name in the Patent Offices in all countries worldwide from March 11, 2003.

DATED this 17<sup>th</sup> day of March, 2004.

SIGNED

  
Joseph S. Tripoli  
Sr. Vice President

Thomson Licensing Inc. and  
Attorney In Fact for  
THOMSON Licensing S.A.

WITNESS

David Fournier

**POWER OF ATTORNEY**  
**THOMSON LICENSING S.A.**

THOMSON Licensing S.A.  
46, Quai A. Le Gallo  
F-92100 Boulogne-Billancourt  
France

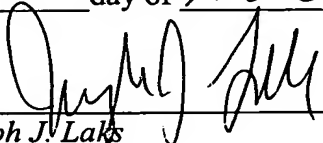
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Vincent E. Duffy  
*Patent Counsel*  
*Thomson Licensing Inc.*  
*Two Independence Way*  
*Princeton, New Jersey 08540*

a revocable, non-exclusive and delegable power of attorney to act for us (including the signing of requisite documents) in proceedings concerning patents and applications for patents, including international and other multi-country patents and applications for patents, in our name in the Patent Offices in all countries worldwide from March 11, 2003.

DATED this 17 day of March, 2004.

SIGNED

  
*Joseph J. Laks*  
*Vice President*  
*Thomson Licensing Inc. and*  
*Attorney In Fact for*  
*THOMSON Licensing S.A.*

WITNESS





**POWER OF ATTORNEY**  
**THOMSON LICENSING S.A.**

THOMSON Licensing S.A.  
46, Quai A. Le Gallo  
F-92100 Boulogne-Billancourt  
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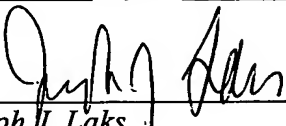
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Jeffrey M. Navon  
*Sr. Patent Counsel*  
*Thomson Licensing Inc.*  
*Two Independence Way*  
*Princeton, New Jersey 08540*


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DATED this 17 day of March, 2004.

SIGNED

  
\_\_\_\_\_  
*Joseph J. Laks*  
*Vice President*  
*Thomson Licensing Inc. and*  
*Attorney In Fact for*  
*THOMSON Licensing S.A.*

WITNESS

  
\_\_\_\_\_